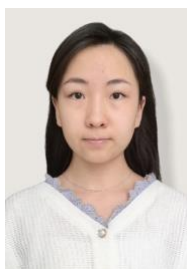


PERSONAL INFORMATION



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Gender Female | Date of birth 14/09/2001 | Nationality Mongolian

WORK EXPERIENCE

June 2021 – July 2023

Software engineer, AI Lab LLC, Mongolia

AI Lab LLC is a tech company established in 2018 and is a part of the Invescore group.

As a part of the development team, I did DevOps roles such as planning, coding, and testing with skilled senior engineers in my field. When developing new products, and services, or improving those that already exist, we used to implement R&D, utilizing the research and development process.

June 2020 – December 2020

Education Assistant, Empasoft LLC, Mongolia

Empasoft LLC, which is an official gold partner of Microsoft LLC since 2007, is known for its licensed software supply, transmission, development service, and training.

When I was a sophomore, one of my professors asked me to intern as an education assistant at Empasoft LLC. My role was to teach high schoolers about the fundamental concepts of Web Development (HTML, CSS, and JavaScript) and Java programming.

PROJECTS

September 2022 - present

Burenscore.mn

Buren Score LLC is a national fintech company founded in 2020. Based on modern IT and data analysis standards and solutions, the company provides a credit history and introduces innovative products like credit score and fraud prevention alerts to meet the financial sector's growing needs for seamless information services.

Even though this system had already been implemented by another development team, our goal was to develop it from scratch. My role in this project covers the implementation and optimization of the user experience, creating tools that improve site interaction regardless of the browser, fixing bugs, and testing for usability. (<https://burenscore.mn/>)

March 2022 - present

Icapital.mn

This undertaking, a secondary market system, is a part of a micro-service system of Invescore Capital, which involves two primary services - an underwriting service and a brokerage service. It acts as a medium for determining the pricing of assets in a transaction consistent with the demand and supply. Furthermore, the information about transaction prices is within the public domain, which enables investors to decide accordingly.

Speaking of my roles as a team member in this enterprise, I work as a full-stack developer, implementing Research and Development (R&D) in every requirement that is needed to be satisfied. Because the back end of this product uses PHP programming language, I managed to flow with the development process by simultaneously learning the language and the frameworks such as Laravel, Lumen, Blade, and Orchid. Besides, writing unit tests as soon as implementing a stakeholder characteristic is a must since the project works with other sub-systems. (<https://www.icapital.mn/>)

March 2022 - present

Ipo.Icapital.mn

As its name stands, the immediate purpose of this system is to make the function of buying pre-IPO stock possible for retail investors.

My fundamental role is the same as in the secondary market system of Invescore Capital, as I mentioned earlier. On top of that, since the front end was written using the Vue JS web framework, it was easy to implement application behaviors relating to IPO ordering and managing user credentials. The most recent development I implemented is the SSO platform, which uses the OAuth2 protocol to manage user credentials, using Firebase Authentication Service, Firebase Admin SDK, and Google Cloud Functions. The initial approach was Keycloak, an open-source identity and access management solution, but it was insufficient as our users kept increasing. (<https://ipo.icapital.mn/>)

March 2022 - present

Order.Icapital.mn

This system differs from the other two (the secondary market and the pre-IPO stock market) by implementing an order o IPO defined by the system organizers without requiring a username or password from the user, yet it uses a national ID code instead.

I have been working on this system as a project maintainer, and the latest changes I made were using Redis, an open source (BSD licensed), in-memory data structure store, used as a database, cache, and message broker, and Centrifuge, which bridges assets like invoices, real estate, and royalties to DeFi, to listen to payment status from the server. (<https://order.icapital.mn/>)

October 2021 - present

FinBerry.mn

The FinBerry platform offers three types of crowdfunding: loans (collateralized and guaranteed), incentives, and donations.

The immediate service of this company relies on several sub-systems such as admin web, user web and other server side systems. I maintain the current system status by keeping track of the ongoing work and reported issues to make sure that it gets reviewed and merged in a timely manner, delivering the vision by implementing, fixing bugs, reviewing and merging PRs directly and via contributors. The system has been developed using Django, and Django Rest which are frameworks of Python. (<https://www.finberry.mn/>)

November 2021 – December 2021

Analysing personality type based on human handwriting

In junior year, my friend and I worked on an exciting project which can predict Myers-Briggs personality type based on its user's handwriting without requiring to answer a bunch of questions. It is a mobile application, my friend developed the front-end side, and I was responsible for creating a supervised model, and image processing.

First of all, both of us tried our best to gather enough data, which consists of a sequence of different handwriting images that are named corresponding personality types. From this step, our task went along in parallel. I began to work on training the data but to do that the most important task was to pre-process the images. I successfully made a general algorithm that can remove noises (student notebook patterns, black dots, brightness, shadows, etc.) from the images, make a threshold of an image, and then I finally trained the model. At last, the final result, the accuracy of prediction of our trained model was 82.4 percent.

October 2021 – November 2021

Corexchain.io

Corex LLC is the first crypto exchange with a combined blockchain network. Moreover, COREX digital stock exchange is a reliable and innovative service provider whose system security is certified by CERTIK audit.

I built an IEO site using WordPress for this company before the first exchange began. (https://www.corexchain.io/?page_id=1479&lang=en)

EDUCATION

October 2023 – Present

M.Sc. in Language Science and Technology

Saarland University, Germany

October 2023 – Present

M.Sc. in Language Technologies and Computational Linguistics

Charles University, Czech Republic

September 2018 – Spring 2022

Bachelor degree in Software Engineering

National University of Mongolia, Mongolia

- Graduated cum laude and with Honours. Average grade: 3.8/4.0 (**top 1%**)

PERSONAL SKILLS

Mother tongue(s) Mongolian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	B2	B2	B2
International English Language Testing System – 7.0					
Russian	A1/2	A1/2	A1/2	A1/2	A1/2
ESL: Testing Russian level online – B1					
French	A1/2	A1/2	A1/2	A1/2	A1/2
ESL: Testing French level online – A1/2					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Other skills

- Creating music
- Certified Yoga Teacher (RYT-200)
- Swimming
- Cycling
- Volleyball
- Table tennis

EXTRACURRICULAR ACTIVITIES

June 2022

The Most Advanced Graduate Award

National University of Mongolia, Mongolia

- Graduated cum laude and with Honours. Average grade: 3.8/4.0 (top 1%)

May 2020

RYT200 – Yoga Alliance

200 - Hour International Yoga Teachers' Training Course, Mongolia

June 2018

Outstanding student award

14th School of Advanced Natural Sciences, Mongolia

April 2018

Second place diploma award

The 16th National Design Cartography Olympiad, Mongolia

April 2018

Third-grade diploma award

Third-grade diploma award, Kangaroo-2018, International Mathematical Competition

- March 2018 **Third place diploma award**
Third place, State Olympiad of IQ, Mongolia
- April 2017 **Second-grade diploma award**
Second-grade diploma award, Kangaroo-2017, International Mathematical Competition
- March 2017 **Third place diploma award**
Third place diploma award, 8th Mathematics Olympiad
- April 2015 **Third-grade diploma award**
Third-grade diploma award, Kangaroo-2015, International Mathematical Competition

GRANTS AND SCHOLARSHIPS AWARDED

- May 2023 **Scholarship Award, Erasmus Mundus: Language & Communication Technologies**
- April 2018 **Scholarship Award, Ikh Zasag International University, (IZIU)**
₮500,000.00 off of tuition fee in IZIU in Mongolia
- Scholarship Award, Mongolian State University of Education**
Certificate in Design and Cartography Excellence in Mongolian State University of Education in Mongolia
- Scholarship Award, Urlakh Erdem Fashion Design Insitute**
Certificate in Design Excellence in Urlakh Erdem Fashion Design Institute in Mongolia